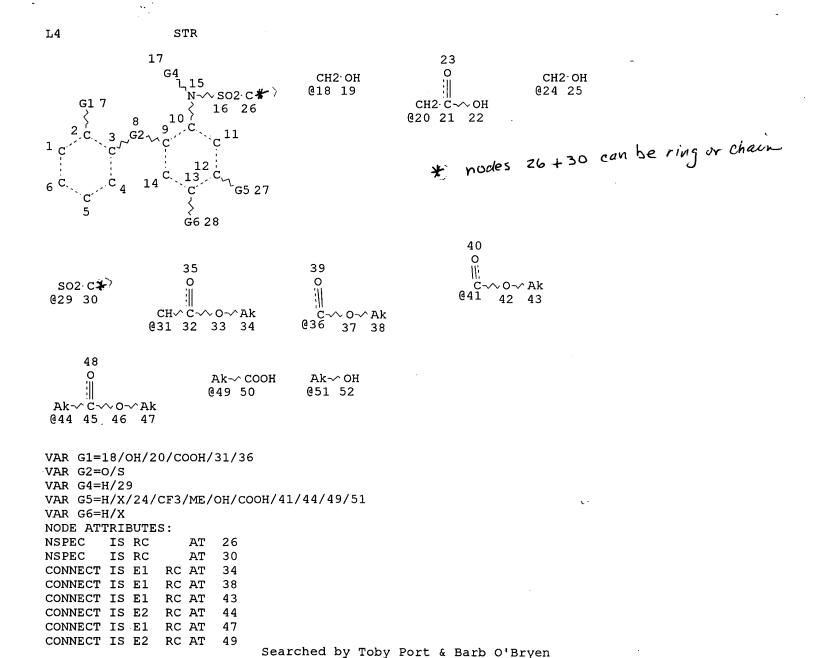
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GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 52

STEREO ATTRIBUTES: NONE

16 ♣ 37 SEA FILE=REGISTRY SSS FUL L4

100.0% PROCESSED 2828 ITERATIONS

SEARCH TIME: 00.00.04

37 ANSWERS

=> fil caplus; d que nos 17

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L4 STR

L6 37 SEA FILE=REGISTRY SSS FUL L4

L7 \* 3 SEA FILE=CAPLUS ABB=ON PLU=ON L6

=> d ibib abs hitstr 17 1-3; file caold; d que nos 18; file home

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2000 ACS ACCESSION NUMBER: 1997:650255 CAPLUS

DOCUMENT NUMBER:

127:303336

TITLE:

Phospholipase A2 inhibitors as inhibitors of

angiogenesis

INVENTOR(S):

Jackson, Jeffrey A.; Winkler, James D.

PATENT ASSIGNEE(S):

Smithkline Beecham Corporation, USA; Jackson, Jeffrey

A.; Winkler, James D. PCT Int. Appl., 22 pp.

SOURCE: PCT Int. Appl CODEN: PIXXD2

DOCUMENT TYPE:

Patent Searched by Toby Port & Barb O'Bryen LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
WO 9735567 A1 19971002 WO 1997-US4876 19970326

W: JP, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE 904069 A1 19990331 EP 1997-917625 19970326

R: BE, CH, DE, ES, FR, GB, IT, LI, NL

PRIORITY APPLN. INFO.:

US 1996-14244 19960326

WO 1997-US4876 19970326

OTHER SOURCE(S):

MARPAT 127:303336

GΙ

Phospholipase A2 (PLA2) inhibitors are useful for treatment of chronic diseases which are caused by excessive, undesired, or inappropriate angiogenesis, including diabetic retinopathy and other ocular neovascularization, tumor growth and metastasis, and atherosclerosis. The PLA2 inhibitors include compds. Which inhibit the transcription, translation, or activity of 14-kDa PLA2, esp. di-Ph ethers or thioethers I [X = O, S; R1 = (CH2)nOH, (CH2)nCO2R8; R2 = H, halo, (substituted) C1-8 alkyl or alkoxy; R3 = SO2R7; R4 = H, SO2R7; R5 = H, halo, CF3, Me, (CH2)tOH, (CH2)tCO2R9; R6 = H, halo; R7 = (substituted) aryl, aralkyl, C1-8 alkyl; R8, R9 = H, C1-4 alkyl; n = 0, 1; m, t = 0-2]. Thus, in the mouse air pouch granuloma model of chronic inflammation with intense angiogenesis, I (50 .mu.M) markedly decreased the vascular index.

IT 173983-49-8

RL: BAC (Biological activity or effector, except adverse); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(phospholipase A2 inhibitors as inhibitors of angiogenesis)

RN 173983-49-8 CAPLUS

CN Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

CAPLUS COPYRIGHT 2000 ACS ANSWER 2 OF 3 L7

ACCESSION NUMBER: DOCUMENT NUMBER:

1997:207756 CAPLUS

126:195233

TITLE:

Compounds for inhibition of CoA-independent transacylase, induction of apoptosis, treating CoA-independent transacylase-dependent diseases, and

inhibiting cell proliferation

INVENTOR(S):

Winkler, James David; Chilton, Floyd Iii

PATENT ASSIGNEE(S):

Smithkline Beecham Corporation, USA; Wake Forrest University; Winkler, James David; Chilton, Floyd Iii

PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

SOURCE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO.	DATE
 wo 9704765	A1 19970213	WO 1996-US12257	19960724
₽D 84191N	A1 19980520	EP 1990-325501	, LU, MC, NL, PT, SE 19960724
R: BE, CH, JP 11511130 PRIORITY APPLN. INFO	DE, ES, FR, GB, IT T2 19990928	US 1995-2239 WO 1996-US12257	19960724 19950725 19960724

CoA-independent transacylase (CoA-IT) inhibitors are disclosed for inhibiting or reducing cell proliferation in a human or mammal. Compds. AΒ for inhibiting proliferation or inducing apoptosis exclude 1-O-octadecyl-2-O-methyl-sn-glycero-3-phosphocholine (I) or alkyl lysophospholipid analogs, but the I and analogs are disclosed for treatment of other CoA-IT-mediated diseases. Prepn. of e.g. di-Et 7-(3,4,5-triphenyl-2-oxo-2,3-dihydroimidazol-1-yl)heptanephosphonate (II) is described. II inhibited CoA-IT at a concn. of 9 .mu.M; II also showed apoptosis-inducing activity. The specific inhibition of CoA-IT by I is also described.

## ΤТ

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(compds. for inhibition of CoA-independent transacylase, induction of apoptosis, treating CoA-independent transacylase-dependent diseases and inhibiting cell proliferation, and compd. prepn.)
Searched by Toby Port & Barb O'Bryen

RN 173983-49-8 CAPLUS

CN Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2000 ACS

ACCESSION NUMBER: 1996:134121 CAPLUS

DOCUMENT NUMBER: 124:165246

TITLE: Aryl anti-inflammatory compounds, their preparation,

and their activity

INVENTOR(S): Adams, Jerry Leroy; Hall, Ralph Floyd; Lee, Dennis;

Mayer, Ruth Judik; Seibel, George Leslie

PATENT ASSIGNEE(S): SmithKline Beecham Corp., USA

SOURCE: PCT Int. Appl., 53 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	rent n	о.		KII	ND	DATE			AP	PLIC	CATIO	ON NO	ο.	DATE			
WO	95334	61		<b>-</b>	 1	1995	1214		WO	199	 95 <b>-</b> US	57010	 )	19950	0602		
	W:	JP,	US														
	RW:	ΑT,	ΒE,	CH,	DE,	DK,	ES,	FR,	GΒ,	GR,	ΙE,	ΙT,	LU,	MC,	NL,	PT,	SE
US	55456	69		Α		1996	0813		US	199	94-25	5271	7	19940	0602		
EP	79919	8		A.	1	1997	1008		ΕP	199	95-92	22184	4	19950	0602		
	R:	ΒE,	CH,	DE,	FR,	GB,	ΙΤ,	NL									
JP	10501	240		T	2	1998	0203		JP	199	95-50	0122	Ĺ	19950	0602		
PRIORITY	Y APPL	N. ]	NFO	. :					US	199	94-25	5271	7	19940	0602		
									WO	199	95-US	37010	)	19950	0602		

OTHER SOURCE(S): MARPAT 124:165246

GI

$$R^{1}$$
 $R^{2}$ 
 $R^{2}$ 
 $R^{3}$ 
 $R^{4}$ 
 $R^{5}$ 

I

The invention relates to the novel compds. and pharmaceutical compns. of I AB [R1 = (CH2) nOH, (CH2) nCO2R8; n = 0, 1; X = 0, S; R2 = H, halo,(substituted) C1-8 alkyl, C1-8 alkoxy; m = 1, 2; R3 = S(O)2R7; R4 = H, S(0)2R7; R5 = H, halo, CF3, Me, (CH2)tC(0)2R9, (CH2)tOH; t = 0-2; R6 = H,halo; R7 = (substituted) aryl, (substituted) aryl-C1-2 alkyl, (substituted) C1-8 alkyl; R8, R9 = H, C1-4 alkyl] and pharmaceutically acceptable salts thereof. The invention also relates to a method of treating or reducing inflammation in a mammal in need thereof, which comprises administering to said mammal an effective amt. of a compd. or compn. of I. Prepn. of compds. of the invention, e.g. 2-[2-[3,5-bis(trifluoromethyl)phenylsulfonamido]-4trifluoromethylphenoxy]benzoic acid, is described. Compds. of the invention showed e.g. pos. phospholipase A2 inhibition, generally at 50 .mu.M levels.

173983-49-8P ΙT

CN

RL: BAC (Biological activity or effector, except adverse); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(aryl antiinflammatory compd. prepn. and activity)

173983-49-8 CAPLUS RN

Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

173982-86-0P 173982-87-1P 173982-88-2P TΤ 173982-89-3P 173982-90-6P 173982-91-7P 173982-92-8P 173982-93-9P 173982-94-0P 173982-96-2P 173982-97-3P 173982-98-4P 173982-99-5P 173983-00-1P 173983-01-2P 173983-02-3P 173983-03-4P 173983-04-5P 173983-05-6P 173983-06-7P 173983-07-8P Searched by Toby Port & Barb O'Bryen

RN 173982-88-2 CAPLUS
CN Benzoic acid, 2-[2-[(2-naphthalenylsulfonyl)amino]-4(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173982-89-3 CAPLUS
CN Benzoic acid, 2-[2-[(2-naphthalenylsulfonyl)amino]phenoxy]- (9CI) (CFINDEX NAME)

RN 173982-90-6 CAPLUS

CN Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenoxy]-5-(1,1-dimethylpropyl)- (9CI) (CA INDEX NAME)

RN 173982-91-7 CAPLUS

CN Benzoic acid, 2-[2-[(octylsulfonyl)amino]phenoxy]- (9CI) (CA INDEX NAME)

RN 173982-92-8 CAPLUS

CN Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-methylphenoxy]- (9CI) (CA INDEX NAME)

RN 173982-93-9 CAPLUS

CN Benzoic acid, 2-[2-[(methylsulfonyl)amino]-4-(trifluoromethyl)phenoxy](9CI) (CA INDEX NAME)

RN 173982-94-0 CAPLUS

CN Benzoic acid, 2-[2-[(octylsulfonyl)amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173982-96-2 CAPLUS

CN Benzoic acid, 2-[2-[(phenylsulfonyl)amino]-4-(trifluoromethyl)phenoxy](9CI) (CA INDEX NAME)

RN 173982-97-3 CAPLUS

CN Benzoic acid, 2-[2-[[(4-chlorophenyl)sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173982-98-4 CAPLUS

CN Benzoic acid, 2-[2-[(1-naphthalenylsulfonyl)amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173982-99-5 CAPLUS

CN Benzoic acid, 2-[2-[[(phenylmethyl)sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173983-00-1 CAPLUS

CN Benzoic acid, 2-[4-(trifluoromethyl)-2-[[[4-(trifluoromethyl)phenyl]sulfon yl]amino]phenoxy]- (9CI) (CA INDEX NAME)

RN 173983-01-2 CAPLUS

CN Benzeneacetic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173983-02-3 CAPLUS

CN Benzoic acid, 2-[2-[[(4-fluorophenyl)sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

173983-03-4 CAPLUS RN

CN

Benzoic acid, 2-[2-[[(4-methoxyphenyl)sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

173983-04-5 CAPLUS RN

Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-CN (trifluoromethyl)phenoxy]-4-methoxy- (9CI) (CA INDEX NAME)

173983-05-6 CAPLUS RN

Benzoic acid, 2-[2-[bis[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-CN (trifluoromethyl)phenoxy]-4-methoxy- (9CI) (CA INDEX NAME)

RN 173983-06-7 CAPLUS

CN Benzoic acid, 2-[2-[bis[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173983-07-8 CAPLUS

CN Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-bromophenoxy]- (9CI) (CA INDEX NAME)

RN 173983-08-9 CAPLUS

CN Benzoic acid, 2-[2-[[[4-(hydroxymethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173983-09-0 CAPLUS

CN Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenoxy]-6-methoxy- (9CI) (CA INDEX NAME)

RN 173983-10-3 CAPLUS

CN Benzoic acid, 2-[[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4-(trifluoromethyl)phenyl]thio]- (9CI) (CA INDEX NAME)

RN 173983-11-4 CAPLUS

CN Benzoic acid, 2-[2-[[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4,5-dichlorophenoxy]- (9CI) (CA INDEX NAME)

RN 173983-12-5 CAPLUS

CN Benzenesulfonamide, N-[2-[2-(hydroxymethyl)phenoxy]-5-(trifluoromethyl)phenyl]-3,5-bis(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 173983-13-6 CAPLUS

CN Benzoic acid, 2-[4,5-dichloro-2-[[(4-chlorophenyl)sulfonyl]amino]phenoxy]-(9CI) (CA INDEX NAME)

RN 173983-14-7 CAPLUS

CN Benzeneacetic acid, 3-[[(4-bromophenyl)sulfonyl]amino]-4-(2-carboxyphenoxy)- (9CI) (CA INDEX NAME)

RN 173983-15-8 CAPLUS

CN Benzoic acid, 2-[2-[[(4-bromophenyl)sulfonyl]amino]-4-(2-hydroxyethyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173983-16-9 CAPLUS

CN Benzeneacetic acid, 3-[[(4-bromophenyl)sulfonyl]amino]-4-[2-(methoxycarbonyl)phenoxy]- (9CI) (CA INDEX NAME)

RN 173983-17-0 CAPLUS

CN Benzeneacetic acid, 3-[[(4-bromophenyl)sulfonyl]amino]-4-(2-carboxyphenoxy)-, .alpha.-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

RN 173983-18-1 CAPLUS

CN Benzoic acid, 2-[4-(trifluoromethyl)-2-[[(trifluoromethyl)sulfonyl]amino]p henoxy]- (9CI) (CA INDEX NAME)

IT 173983-50-1

RL: BAC (Biological activity or effector, except adverse); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (aryl antiinflammatory compd. prepn. and activity)

RN 173983-50-1 CAPLUS

CN Benzoic acid, 2-[2-[[(4-carboxyphenyl)sulfonyl]amino]-4-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

IT 173983-40-9P 173983-41-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (aryl antiinflammatory compd. prepn. and activity)

RN 173983-40-9 CAPLUS

CN Benzoic acid, 2-[2-[bis[[3,5-bis(trifluoromethyl)phenyl]sulfonyl]amino]-4,5-dichlorophenoxy]-, methyl ester (9CI) (CA INDEX NAME)

$$CF_3$$
 $CT_3$ 
 $CT_3$ 

RN 173983-41-0 CAPLUS

CN Benzoic acid, 2-[2-[bis[(4-chlorophenyl)sulfonyl]amino]-4,5-dichlorophenoxy]-, methyl ester (9CI) (CA INDEX NAME)

## IT 173983-46-5P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(aryl antiinflammatory compd. prepn. and activity)

RN 173983-46-5 CAPLUS

CN Benzenesulfonamide, N-[2-(2-hydroxyphenoxy)-5-(trifluoromethyl)phenyl]-3,5-bis(trifluoromethyl)- (9CI) (CA INDEX NAME)

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L8 0 SEA FILE=CAOLD ABB=ON PLU=ON L6

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